

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 5354  
Name Southern States Oil Company  
Address P.O. Box 1365  
City/State/Zip Great Bend, Kansas 67530

Purchaser Koch Oil Company

Operator Contact Person Claude Blakesley  
Phone 316/792-2585

Contractor: License # 5421  
Name Sage Drilling Company

Wellsite Geologist Curtis Covey  
Phone 316/942-2685

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWO: old well info as follows:  
Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth.....

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

7/22/85 .. 7/30/85 .. 8/15/85 ..  
Spud Date Date Reached TD Completion Date

4450' .....  
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 598 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1393' w/ 325 SX feet  
If alternate 2 completion, cement circulated  
from ..... feet depth to ..... w/ ..... SX cmt  
Cement Company Name .....  
Invoice # .....

API NO. 15-135-22,878:0000  
County Ness  
E/2. NW. SE. Sec. 16. Twp. 20S Rge. 23.  East  West

1980 ..... Ft North from Southeast Corner of Section  
1650 ..... Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

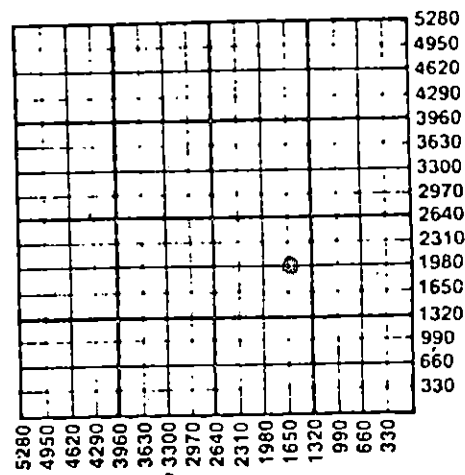
Lease Name Mauch Well # 1-16

Field Name Pawnee Valley

Producing Formation Cherokee Sand

Elevation: Ground 2272 ..... KB 2278 .....

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  
Docket # D-24,287 .....  Repressuring

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #.....

Groundwater ..... Ft North from Southeast Corner  
(Well) ..... Ft West from Southeast Corner of  
Sec Twp Rge East West

Surface Water ..... Ft North from Southeast Corner  
(Stream, pond etc) ..... Ft West from Southeast Corner  
Sec Twp Rge East West

Other (explain) Fresh water hauled by  
Cheyenne Oil Service  
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Claude Blakesley

Title Operations Manager Date 11/12/85

Subscribed and sworn to before me this 12th day of November  
1985

Notary Public B.A. Ochs

Date Commission Expires 11-23-85

K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rap  NGPA  
 KGS  Plug  Other  
(Specify)

NOTARY PUBLIC - State of Kansas  
B.A. OCHS  
My Appt. Exp. 11-23-85

RECEIVED  
STATE CORPORATION COMMISSION  
11-13-85  
NOV 13 1985

CONSERVATION DIVISION  
Wichita, Kansas

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Operator Name Southern States Oil Company Lease Name Mauch Well # 1-16

Sec. 16 Twp. 20S Rge. 23  East  West County Ness

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST # 1 4365-4398 Cherokee Sand  
 Openings 30-45 60-90  
 ISI 1307 FSI 1307 IFP 864-1052  
 FFP 1235-1307  
 Recovered 3440' clean gassy oil

Name	Top	Bottom
Anhydrite	1516-1561+	762
Heebner	3739	-1461
LKC	3785	-1507
BKC	4130	-1852
Marmaton	4162	-1884
Pawnee	4231	-1953
Fort Scott	4308	-2030
Cherokee	4331	-2053
Cherokee Sand	4393	-2115
Mississippi	4400	-2122
RTD	4450	

CASING RECORD  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	23#	598'	Common & Pozmix	125	2% gel, 3% cc
Production	7-7/8"	5-1/2"	14#	4450'	Pozmix	200	2% gel, 10% salt 0.75 Lomar D w/S10

PERFORATION RECORD  
 Shots Per Foot Specify Footage of Each Interval Perforated  
 Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

4	4390-4396		
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RELEASED  
 DEC 12 1986

TUBING RECORD  
 Size Set At Packer at  
 2 1/2" 4400'  
 Liner Run  Yes  No

Date of First Production 8/15/85  
 Producing Method  Flowing  Pumping  Gas Lift  Other (explain).....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	80 Bbls	MCF	80 Bbls	CFPB	

METHOD OF COMPLETION Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4390-4396  
 Used on Lease  Dually Completed .....  
 Conmingled